



S.C. Department of Health and
Environmental Control

Bureau of Air Quality Title V Operating Permit

**The Boeing Company
5400 International Boulevard
North Charleston, South Carolina 29418
Charleston County**

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5), 48-1-100(A), and 48-1-110(a), the 1976 Code of Laws of South Carolina, as amended, and South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on October 5, 2017, as amended.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number: TV-0560-0372

Issue Date: DRAFT
Expiration Date: DRAFT

Effective Date: DRAFT
Renewal Due Date: DRAFT

**Steve McCaslin, P. E., Director
Air Permitting Division
Bureau of Air Quality**

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RECORD OF REVISIONS		
Date	Type	Description of Changes

AA Administrative Amendment
MM Minor Modification
SM Significant Modification

DRAFT

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A. EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	Composite Fabrication and Aft Assembly and Integration (Building 88-19)
02	Mid-Body Assembly and Integration (Building 88-20)
03	Component Painting (Building 88-22)
04	Final Assembly (Building 88-30)
05	Decorative Paint (Building 88-188)

B. EQUIPMENT AND CONTROL DEVICE(S)

B.1 EQUIPMENT FOR EMISSION UNIT 01 – Composite Fabrication and Aft Assembly and Integration (Building 88-19)

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
AC-1-88-19	Autoclave consisting of two (2) 23 MMBtu/hr natural gas-fired low NO _x burners. Utilized to cure assembled aircraft fuselage	2006	None	AC1
AC-2-88-19	Autoclave consisting of two (2) 25 MMBtu/hr natural gas-fired low NO _x burners. Utilized to cure assembled aircraft fuselage	2016	None	AC2
A-88-19	Assembly of Fuselage	2006	None	VPF1, VPF2, VPF3
HW-88-19	Hand wiping: Cleaning the aircraft fuselage	2006	None	VPF1, VPF2, VPF3
VP-88-19	Nitrogen vaporizer unit with two (2) 45 MMBtu/hr natural gas-fired burners	2015	None	VP1 VP2

B.2 EQUIPMENT FOR EMISSION UNIT 02 – Mid-Body Assembly and Integration (Building 88-20)

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
A-88-20	Assembly of Fuselage	2007	None	GABF1, GABF2, GABF3
HW-88-20	Hand wiping: Cleaning the Aircraft Fuselage	2007	None	GABF1, GABF2,

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B.2 EQUIPMENT FOR EMISSION UNIT 02 – Mid-Body Assembly and Integration (Building 88-20)

Equipment ID	Equipment Description	Installation/Modification Date	Control Device ID	Emission Point ID
				GABF3

B.3 EQUIPMENT FOR EMISSION UNIT 03 – Component Painting (Building 88-22)

Equipment ID	Equipment Description	Installation/Modification Date	Control Device ID	Emission Point ID
FAB-1-88-22	3.6 MMBtu/hr natural gas, direct-fired fresh air burner. Used to preheat fresh air supply	2007	None	8822-PR1 8822-PR2
FAB-2-88-22	3.6 MMBtu/hr natural gas, direct-fired fresh air burner. Used to preheat fresh air supply	2009	None	8822-PR3 8822-PR4
FAB-3-88-22	8.0 MMBtu/hr natural gas, direct-fired fresh air burner. Used to preheat fresh air supply	2007	None	8822-PB1 8822-PB2
FAB-4-88-22	8.0 MMBtu/hr natural gas, direct-fired fresh air burner. Used to preheat fresh air supply	2009	None	8822-PB3 8822-PB4
PBB1-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB1
PBB2-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB1
PBB3-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB1
PBB4-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB1
PBB5-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB2
PBB6-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB2
PBB7-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB2
PBB8-88-22	6.0 MMBtu/hr natural gas fired hot water boiler	2011	None	8822-PBB2
HWB-1-88-22	5.0 MMBtu/hr natural gas fired hot water boiler	2009	None	8822-PBB
HWB-2-88-22	5.0 MMBtu/hr natural gas fired hot water boiler	2009	None	8822-PBB
HWB-3-88-22	8.0 MMBtu/hr natural gas fired hot water boiler	2007	None	8822-PBB
HWB-4-88-22	8.0 MMBtu/hr natural gas fired hot water boiler	2007	None	8822-PBB
HWB-5-88-22	1.825 MMBtu/hr natural gas fired hot water boiler	2009	None	8822-PBB
HWB-6-88-22	1.825 MMBtu/hr natural gas fired hot water boiler	2007	None	8822-PBB
PSMN-88-22	Paint Storage / Mix Room North	2014	None	8822-PSMN1
PSMS-88-22	Paint Storage / Mix Room South	2014	None	8822-PSMS1
PB1-88-22	Prep and Paint Booth 1	2007 / 2014	CD-PB1-88-	8822-PR1

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B.3 EQUIPMENT FOR EMISSION UNIT 03 – Component Painting (Building 88-22)

Equipment ID	Equipment Description	Installation/Modification Date	Control Device ID	Emission Point ID
			22	8822-PR2
PB2-88-22	Prep and Paint Booth 2	2009 / 2014	CD-PB2-88-22	8822-PR3 8822-PR4
PB3-88-22	Prep and Paint Booth 3	2007 / 2014	CD-PB3-88-22	8822-PB1 8822-PB2
PB4-88-22	Prep and Paint Booth 4	2009 / 2014	CD-PB4-88-22	8822-PB3 8822-PB4
PB5-88-22	Prep and Paint Booth 5	2014	CD-PB5-88-22	8822-PB5S1 8822-PB5S2 8822-PB5S3 8822-PB5S4
PB6-88-22	Prep and Paint Booth 6	2014	CD-PB6-88-22	8822-PB6S1 8822-PB6S2 8822-PB6S3 8822-PB6S4
PBEO-88-22	Emergent Operations Paint Booth	2015	CD-PBEO-88-22	8822-PBEO

B.4 CONTROL DEVICE(S) FOR EMISSION UNIT 03 – Component Painting (Building 88-22)

Control Device ID	Control Device Description	Installation/Modification Date	Pollutant(s) Controlled
CD-PB1-88-22	Paint Booth Dry Filters	2007 / 2014	Filterable PM/PM ₁₀ /PM _{2.5}
CD-PB2-88-22	Paint Booth Dry Filters	2009 / 2014	Filterable PM/PM ₁₀ /PM _{2.5}
CD-PB3-88-22	Paint Booth Dry Filters	2007 / 2014	Filterable PM/PM ₁₀ /PM _{2.5}
CD-PB4-88-22	Paint Booth Dry Filters	2009 / 2014	Filterable PM/PM ₁₀ /PM _{2.5}
CD-PB5-88-22	Paint Booth Dry Filters	2014	Filterable PM/PM ₁₀ /PM _{2.5}
CD-PB6-88-22	Paint Booth Dry Filters	2014	Filterable PM/PM ₁₀ /PM _{2.5}
CD-PBEO-88-22	Paint Booth Dry Filters	2014	Filterable PM/PM ₁₀ /PM _{2.5}

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B.5 EQUIPMENT FOR EMISSION UNIT 04 – Final Assembly (Building 88-30)

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
HW-88-30	Hand wiping, cleaning, sealing, coating, and touch-up operations including emergent operations	2011	None	BCFAF1 BCFAF2
CR-TL-88-30	Composite Repair Area – Alodine/Sol-Gel Tank Line	2011	None	88-30-TL
CR-0612-88-30	Composite Repair Area – 6 ft x 12 ft Curing Oven	2011	None	88-30-O612
CS-CCO-88-30	Control Surface Area – Composite Cure Oven	2011	None	88-30-CCU

B.6 EQUIPMENT FOR EMISSION UNIT 05 – Decorative Paint (Building 88-188)

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
P01-88-188	Paint Operations - Bay 1	2016	CD-P01-88-188	S1a, S1b, S1c, S1d, S1e, S1f, S1g, S1h, S1i, S1j, S1k, S1l, S1m, S1n, S1o, S1p
P02-88-188	Paint Operations - Bay 2	2016	CD-P02-88-188	S1a, S1b, S1c, S1d, S1e, S1f, S1g, S1h, S1i, S1j, S1k, S1l, S1m, S1n, S1o, S1p
PS-88-188	Storage/mixing operations	2016	None	S2
HEATWB1-88-188	12 MMBtu/hr Natural Gas-Fired Heating Water Boiler 1	2016	None	S11a
HEATWB2-88-188	12 MMBtu/hr Natural Gas-Fired Heating Water Boiler 2	2016	None	S11b
HEATWB3-88-188	12 MMBtu/hr Natural Gas-Fired Heating Water Boiler3	2016	None	S11c

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B.7 CONTROL DEVICE(S) FOR EMISSION UNIT 05 – Decorative Paint (Building 88-188)

Control Device ID	Control Device Description	Installation/Modification Date	Pollutant(s) Controlled
CD-P01-88-188	Paint Booth Dry Filters	2016	Filterable PM/PM ₁₀ /PM _{2.5}
CD-P02-88-188	Paint Booth Dry Filters	2016	Filterable PM/PM ₁₀ /PM _{2.5}

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
C.1	<p>Emission Unit ID: All Equipment ID: All Control Device ID: All</p> <p>Equipment capacities provided under the Equipment Description column of the Equipment Tables above are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.</p>
C.2	<p>Emission Unit ID: All Equipment ID: All Control Device ID: All</p> <p>(S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least 5 years from the date the record was generated and shall be made available to a Department representative upon request.</p>
C.3	<p>Emission Unit ID: 03, 05 Control Device ID: CD-PB1-88-22, CD-PB2-88-22, CD-PB3-88-22, CD-PB4-88-22, CD-PB5-88-22, CD-PB6-88-22, CD-PBEO-88-22, CD-P01-88-188, CD-P02-88-188</p> <p>The owner/operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good engineering practices. The owner/operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
	monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.
C.4	<p>Emission Unit ID: 03, 05 Control Device ID: CD-PB1-88-22, CD-PB2-88-22, CD-PB3-88-22, CD-PB4-88-22, CD-PB5-88-22, CD-PB6-88-22, CD-PBEO-88-22, CD-P01-88-188, CD-P02-88-188</p> <p>All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted semiannually. If no incidences occurred during the reporting period, then a letter shall be submitted to indicate such.</p> <p>Any alternative method for monitoring control device performance must be preapproved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.70.7.</p>
C.5	<p>Emission Unit ID: 01, 03, 05 Equipment ID: VP-88-19, PBB1-88-22, PBB2-88-22, PBB3-88-22, PBB4-88-22, PBB5-88-22, PBB6-88-22, PBB7-88-22, PBB8-88-22, HWB-1-88-22, HWB-2-88-22, HWB-3-88-22, HWB-4-88-22, HWB-5-88-22, HWB-6-88-22, HEATWB1-88-188, HEATWB2-88-188, HEATWB3-88-188</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section I) The fuel burning sources shall not discharge into the ambient air smoke which exceeds opacity of 20%. The owner/operator shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions.</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from these sources is 0.6 pounds per million BTU input.</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable discharge of sulfur dioxide (SO₂) resulting from these sources is 2.3 pounds per million BTU input.</p> <p>These sources are permitted to burn only natural gas as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p>
C.6	<p>Emission Unit ID: 01, 02, 03, 04, 05 Equipment ID: AC-1-88-19, AC-2-88-19, A-88-19, HW-88-19, VP-88-19, A-88-20, HW-88-20, FAB-1-88-</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions		
	<p>22, FAB-2-88-22, FAB-3-88-22, FAB-4-88-22, PSMN-88-22, PSMS-88-22, PB1-88-22, PB2-88-22, PB3-88-22, PB4-88-22, PB5-88-22, PB6-88-22, PBEO-88-22, P01-88-188, P02-88-188, PS-88-188</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.</p>		
C.7	<p>Emission Unit ID: 01, 02, 03, 04, 05 Equipment ID: AC-1-88-19, AC-2-88-19, A-88-19, HW-88-19, VP-88-19, A-88-20, HW-88-20, FAB-1-88-22, FAB-2-88-22, FAB-3-88-22, FAB-4-88-22, PSMN-88-22, PSMS-88-22, PB1-88-22, PB2-88-22, PB3-88-22, PB4-88-22, PB5-88-22, PB6-88-22, PBEO-88-22, P01-88-188, P02-88-188, PS-88-188</p> <p>The owner/operator shall perform a visual inspection on a semiannual basis during source operation. No periodic monitoring for opacity will be required during periods of burning natural gas or propane only. Logs shall be kept to record all visual inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. If a source did not operate during the required visual inspection time frame, the log shall indicate such. The owner/operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If the unit did not operate during the semiannual period, the report shall state so.</p> <p>Visual inspection means a qualitative observation of opacity during daylight hours. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water.</p>		
C.8	<p>Emission Unit ID: 03 Equipment ID: PB1-88-22, PB2-88-22, PB3-88-22, PB4-88-22, PB5-88-22, PB6-88-22, PBEO-88-22</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations:</p> <p style="padding-left: 40px;">For process weight rates less than or equal to 30 tons per hour $E = (F) 4.10P^{0.67}$ and</p> <p style="padding-left: 40px;">For process weight rates greater than 30 tons per hour $E = (F) 55.0P^{0.11} - 40$</p> <p style="padding-left: 40px;">Where E = the allowable emission rate in pounds per hour P = process weight rate in tons per hour F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th>Process/Equipment IDs</th><th>Max Process Weight Rate (ton/hr)</th></tr> </table>	Process/Equipment IDs	Max Process Weight Rate (ton/hr)
Process/Equipment IDs	Max Process Weight Rate (ton/hr)		

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; text-align: center;">Building 88-22 Paint Booths</td><td style="width: 40%; text-align: center;">34.15</td></tr> </table>	Building 88-22 Paint Booths	34.15
Building 88-22 Paint Booths	34.15		
C.9	<p>Emission Unit ID: 01, 05 Equipment ID: AC-1-88-19, AC-2-88-19, VP-88-19, VP-88-19, HEATWB1-88-188, HEATWB2-88-188, HEATWB3-88-188</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section III) The allowable discharge of NO_x resulting from these sources is 0.036 pounds per million metric British thermal units (lb/MMBtu).</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section IV(3)) The owner or operator shall record monthly records of the amounts and types of each fuel combusted and maintain these records on site.</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section IV(4)) If the owner or operator of a boiler is required to comply with federal tune-up requirements in 40 CFR 63, then the federal requirements shall meet the compliance requirements of this paragraph.</p> <ul style="list-style-type: none"> a. The owner or operator shall perform tune-ups every twenty-four (24) months in accordance with manufacturer's specifications or with good engineering practices. b. All tune-up records are required to be maintained on site and available for inspection by the Department for a period of five (5) years from the date generated. c. The owner or operator shall develop and retain a tune-up plan on file. <p>The owner or operator is required to comply with federal tune-up requirements in 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subpart DDDDD "National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters. Meeting the federal tune-up requirements in 40 CFR Part 63, Subpart DDDDD shall serve to meet the tune-up compliance requirements listed above for S.C. Regulation 61-62.5, Standard No. 5.2, Section IV(4).</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section IV(4)) The owner or operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected source. These records shall be maintained on site.</p>		
C.10	<p>Emission Unit ID: 03 Equipment ID: PB1-88-22, PB2-88-22, PB3-88-22, PB4-88-22, PB5-88-22, PB6-88-22, PBEO-88-22, P01-88-188, P02-88-188 Control Device ID: CD-PB1-88-22, CD-PB2-88-22, CD-PB3-88-22, CD-PB4-88-22, CD-PB5-88-22, CD-PB6-88-22, CD-PBEO-88-22, CD-P01-88-188, CD-P02-88-188</p> <p>Dry filters shall be operational and in place at all times when equipment or processes controlled by filters are operating, except during periods of malfunction or mechanical failure. Pressure drop readings across the dry filters shall be recorded daily during source operation. Alternatively, an</p>		

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
	<p>automated alarm system can be used in lieu of daily pressure drop readings. If the automated alarm option is used, the alarm shall be programmed to alert the owner/operator of a potential exceedance of the established range. Response will occur immediately upon receiving the alarm. Response to the alarm shall include documentation of the pressure drop value which triggered the alarm and the actions taken to ensure the dust collector is operating within the established pressure drop range. Additionally, if the documented pressure drop is outside of the established pressure drop range, the owner/operator shall document the amount of time the unit operated outside of the established range. Proper cleaning and replacement of filters shall take place as needed. Records of filter cleaning and replacement events shall be entered in a permanent media and kept on site.</p> <p>Operational ranges for the monitored parameters have been established to ensure proper operation of the pollution control equipment. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment. The facility shall maintain the established ranges and supporting documentation for these monitored parameters. Operating ranges may be updated following submittal to the Director of Engineering Services.</p>
C.11	<p>Emission Unit ID: 01, 05 Equipment ID: AC-1-88-19, AC-2-88-19, VP-88-19, VP-88-19, HEATWB1-88-188, HEATWB2-88-188, HEATWB3-88-188</p> <p>These sources are subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpart A, General Conditions and Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units and S.C. Regulation 61-62.60, Subparts A and Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, as applicable. Compliance with the regulation shall be demonstrated by burning only natural gas for fuel. The use of other fuels will subject this source to additional emission limitations and is prohibited without prior written approval from the Department.</p> <p>The owner/operator shall record and maintain records of the amounts and types of each fuel combusted by these sources. The amount and type of fuel combusted shall be recorded monthly. As an alternative, the owner/operator may record and maintain records of the total amount of each source's fuel delivered to the facility during each calendar month.</p>
C.12	<p>Emission Unit ID: Facility Wide Equipment ID: Facility Wide</p> <p>(Facility Wide) The owner/operator shall be allowed the following activities, without a construction permit, or without revising or reopening the operating permit unless otherwise specified by any State or Federal requirement: additions of new raw material, and changes in raw material usage or formulation including paints, solvents and other coatings that do not necessitate construction or modification to existing equipment. Emissions from materials shall not exceed de minimis levels for</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
	<p>any hazardous air pollutant and/or toxic air pollutant.</p> <p>The owner/operator shall monitor the additions/changes of materials by incorporating them into the HAP report and any new HAP/TAPs will be disclosed in this report.</p> <ol style="list-style-type: none">1. For materials that contain HAP and TAP types already permitted, should the HAP/TAP content of materials remain the same or less than what is permitted, the facility can make the changes without prior approval from the Bureau.2. For materials that contain HAP and/or TAP types not previously permitted, should the emissions be less than 90% of de minimis, the facility can make the changes without prior approval from the Bureau.3. For materials that contain HAP and/or TAP types not previously permitted, should HAP/TAP emissions reach 90% of the de minimis levels, as a result from new material usage, the facility may continue to use that material; however, the facility will update the air dispersion model. The facility will immediately notify the Bureau in writing of the material changes and submit an updated air dispersion model within 30 days of changing the materials. <p>A record of the change with sufficient specificity to justify its inclusion within the present permit will be maintained with the HAP report. The change will include documentation that the activity will not result in emissions that will exceed any limit in this permit or the facility's potential to emit. The HAP records shall be maintained on site and be made available to a Department representative upon request.</p>

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	ZZZZ (Emergency Engines see note 3 and 4)	N/A	N/A	N/A
63	GG	Semi-Annual	January 1 through June 30 July 1 through December 31	No later than 60 days after the end of each 6-month period

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1. This table summarizes only the periodic compliance reporting schedule. Additional reports may be required. See specific NESHAP Subpart for additional reporting requirements and associated schedule.
2. This reporting schedule does not supersede any other reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, 40 CFR Part 63, and/or Title V. The MACT reporting schedule may be adjusted to coincide with the Title V reporting schedule with prior approval from the Department in accordance with 40 CFR 63.10(a)(5). This request may be made 1 year after the compliance date for the associated MACT standard.
3. Facilities with emergency engines are not required to submit reports. Only facilities with non-emergency engines are required to submit semiannual reports.
4. Facilities with emergency engines shall comply with the operations limits specified in 40 CFR 63.6640(f).

E. NESHAP – CONDITIONS

Condition Number	Conditions
E.1	All NESHAP notifications and reports shall be sent to the Manager of the Air Toxics Section, South Carolina Department of Health and Environmental Control - Bureau of Air Quality.
E.2	All NESHAP notifications and the cover letter to periodic reports shall be sent to the United States Environmental Protection Agency (US EPA) at the following address or electronically as required by the specific subpart: US EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street SW Atlanta, GA 30303
E.3	Emergency power generators less than or equal to 150 kilowatt (kW) rated capacity or greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance with a method to record the actual hours of use such as an hour meter have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1. These sources shall still comply with the requirements of all applicable regulations including but not limited to the following: New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions); NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines); NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines); National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).
E.4	This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and GG – “National Emissions Standards for Aerospace Manufacturing and Rework Facilities.” Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.

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Condition Number	Conditions
E.5	This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and DDDDD – “National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Industrial Boilers and Process Heaters.” Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.

F. COMPLIANCE SCHEDULE - RESERVED**G. PERMIT SHIELD**

Condition Number	Conditions
G.1	<p>(S.C. Regulation 61-62.70.6.f) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment – Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. Exceptions to this are stated below in the Permit Shield Exceptions Table. The owner or operator shall also be shielded from the non-applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the Permit Shield Exceptions Table.</p> <p>Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the owner or operator for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408.a of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7.e.2), group processing of minor permit modifications (S.C. Regulation 61-62.70.7.e.3), or operational flexibility (S.C. Regulation 61-62.70.7.e.5.i), except as specified in S.C. Regulation 61-62.70.7.e.5.iii.</p>

Permit Shield Exceptions

SC Regulation 61-62.1
SC Regulation 61-62.5, Std. No. 7
SC Regulation 61-62.5, Std. No. 7.1

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H. PERMIT FLEXIBILITY

Condition Number	Conditions
H.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5.c and exempt sources as listed in S.C. Regulation 61-62.1, Section II.B, without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and/or exempt, and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

I. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Conditions
I.1	<p>Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p>

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J. PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 July 30 October 30 January 30
Semiannual	January-June April-September July-December October-March	July 30 October 30 January 30 April 30

Note: This reporting schedule does not supersede any federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All federal reports must meet the reporting time frames specified in the federal standard unless the Department or EPA approves a change.

K. TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE

Title V Compliance Certification Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Annual	January-December April-March July-June October-September	February 14 May 15 August 14 November 14

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions
L.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Title V Periodic Reporting Schedule and the Title V Compliance Certification Reporting Schedule of this permit. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5.d.
L.2	All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: 2600 Bull Street Columbia, SC 29201 The contact information for the local Environmental Affairs Regional office can be found at: http://www.scdhec.gov
L.3	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality.

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions
L.4	<p>All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Manager of the Technical Management Section, Bureau of Air Quality.</p> <p style="text-align: center;">US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street SW Atlanta, GA 30303</p>
L.5	<p>(S.C. Regulation 61-62.70.6.a.3.ii) The owner or operator shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements:</p> <ol style="list-style-type: none">1. Records of required monitoring information shall include the following:<ol style="list-style-type: none">a. The date, place as defined in the permit, and time of sampling or measurements;b. The date(s) analyses were performed;c. The company or entity that performed the analyses;d. The analytical techniques or methods used;e. The results of such analyses; andf. The operating conditions as existing at the time of sampling or measurement;2. Records of all required monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
L.6	<p>(S.C. Regulation 61-62.1, Section II.J) For sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Affairs Regional office within 24 hours after the beginning of the occurrence.</p> <p>The owner/operator shall also submit a written report within 30 days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality and shall include, at a minimum, the following:</p> <ol style="list-style-type: none">1. The identity of the stack and/or emission point where the excess emissions occurred;2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions;3. The time and duration of excess emissions;4. The identity of the equipment causing the excess emissions;5. The nature and cause of such excess emissions;6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;7. The steps taken to limit the excess emissions; and,8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions
	consistent with good practice for minimizing emissions.
L.7	(S.C. Regulation 61-62.70.6.c.5.iii) The responsible official shall certify, annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6.c. The compliance certification shall include the following: <ol style="list-style-type: none">1. The identification of each term or condition of the permit that is the basis of the certification.2. The identification of the method(s) or means used by the owner or operator for determining the compliance status with each term and condition of the permit during the certification period.3. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in S.C. Regulation 61-62.70.6.c.5.iii.B. The certification shall identify each deviation and take it into account in the compliance certification.4. Such other facts as the Department may require to determine the compliance status of the source.
L.8	(S.C. Regulation 61-62.1, Section II.M) Within 30 days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Director of Air Permitting a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.

M. GENERAL FACILITY WIDE

Condition Number	Conditions
M.1	The owner or operator shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning."
M.2	The owner or operator shall comply with S.C. Regulation 61-62.3 "Air Pollution Episodes."
M.3	The owner or operator shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions."
M.4	The owner or operator shall comply with S.C. Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide."
M.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.6	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.

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M. GENERAL FACILITY WIDE

Condition Number	Conditions
M.7	The owner or operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the owner or operator performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
M.8	(S.C. Regulation 61-62.70.6.a.5) The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
M.9	(S.C. Regulation 61-62.70.6.a.6.i) The owner or operator must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.
M.10	(S.C. Regulation 61-62.70.6.a.6.ii) It shall not be a defense for an owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
M.11	(S.C. Regulation 61-62.70.6.a.6.iii) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
M.12	(S.C. Regulation 61-62.70.6.a.6.iv) The permit does not convey any property rights of any sort, or any exclusive privilege.
M.13	(S.C. Regulation 61-62.70.6.a.6.v) The owner or operator shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the owner or operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
M.14	(S.C. Regulation 61-62.70.6.a.8) No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
M.15	(S.C. Regulation 61-62.70.6.c.2) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following: <ol style="list-style-type: none">1. Enter upon the owner or operator's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit.2. Have access to and copy, at reasonable times, any records that must be kept under the

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M. GENERAL FACILITY WIDE

Condition Number	Conditions
	<p>conditions of the permit.</p> <ol style="list-style-type: none"> Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
M.16	<p>(S.C. Regulation 61-62.70.6.g) In the case of an emergency, as defined in S.C. Regulation 61-62.70.6.g.1, the owner or operator shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:</p> <ol style="list-style-type: none"> An emergency occurred and that the owner or operator can identify the cause(s) of the emergency; The permitted facility was at the time being properly operated; and During the period of the emergency the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and The owner or operator shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of S.C. Regulation 61-62.70.6.a.3.iii.B. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. <p>This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the owner or operator seeking to establish the occurrence of an emergency has the burden of proof.</p>
M.17	<p>(S.C. Regulation 61-62.70.6.a.1.ii) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.</p>
M.18	<p>(S.C. Regulation 61-62.70.6.a.4) According to S.C. Regulation 61-62.70.6.a.4, the owner or operator is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.</p>
M.19	<p>(S.C. Regulation 61-62.70.7.c.1.ii) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5.a.1.iii, 62.70.5.a.2.iv, and 62.70.7.b. In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6.f shall remain in effect until the renewal permit has been issued or denied.</p>

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M. GENERAL FACILITY WIDE

Condition Number	Conditions
M.20	Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
M.21	(S.C. Regulation 61-62.70.6.a.7) The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9. Failure to pay applicable fee can be considered grounds for permit revocation.
M.22	<p>(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These Emissions Inventory Reports shall be submitted to the Manager of the Emissions Inventory Section, Bureau of Air Quality.</p> <p>This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.</p>
M.23	This permit expressly incorporates insignificant activities. Emissions from these activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III.B.2.g.

ATTACHMENT - Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS – STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
AC1	3.43E-01	3.43E-01	2.70E-02	1.66	3.79	2.25E-05
AC2	5.07E-01	5.07E-01	4.00E-02	2.44	5.60	3.33E-05
VP1	--	--	--	1.62	--	--
VP2	--	--	--	1.62	--	--
8822-PB1S1	1.00E-04	1.00E-04	--	--	--	--
8822-PB1S2	5.00E-04	5.00E-04	--	--	--	--
8822-PB1S3	5.00E-04	5.00E-04	--	--	--	--
8822-PB1S4	1.00E-04	1.00E-04	--	--	--	--
8822-PB2S1	1.00E-04	1.00E-04	--	--	--	--
8822-PB2S2	5.00E-04	5.00E-04	--	--	--	--
8822-PB2S3	5.00E-04	5.00E-04	--	--	--	--
8822-PB2S4	1.00E-04	1.00E-04	--	--	--	--
8822-PB3S1	6.00E-03	6.00E-03	5.00E-04	8.00E-02	6.60E-02	--
8822-PB3S2	2.40E-02	2.40E-02	2.00E-03	3.10E-01	2.64E-01	--
8822-PB3S3	2.40E-02	2.40E-02	2.00E-03	3.10E-01	2.64E-01	--
8822-PB3S4	6.00E-03	6.00E-03	5.00E-04	8.00E-02	6.60E-02	--
8822-PB4S1	6.00E-03	6.00E-03	5.00E-04	8.00E-02	6.60E-02	--
8822-PB4S2	2.40E-02	2.40E-02	2.00E-03	3.10E-01	2.64E-01	--
8822-PB4S3	2.40E-02	2.40E-02	2.00E-03	3.10E-01	2.64E-01	--
8822-PB5S1	5.00E-04	5.00E-04	--	--	--	--
8822-PB5S2	1.00E-04	1.00E-04	--	--	--	--
8822-PB5S3	5.00E-04	5.00E-04	--	--	--	--
8822-PB5S4	1.00E-04	1.00E-04	--	--	--	--
8822-PB6S1	5.00E-04	5.00E-04	--	--	--	--
8822-PB6S2	1.00E-04	1.00E-04	--	--	--	--
8822-PB6S3	5.00E-04	5.00E-04	--	--	--	--
8822-PB6S4	1.00E-04	1.00E-04	--	--	--	--
8822-PBEO	8.00E-04	8.00E-04	--	--	--	--
88188-S1a	1.00E-03	1.00E-03	--	--	--	--
88188-S1b	1.00E-03	1.00E-03	--	--	--	--
88188-S1c	1.00E-03	1.00E-03	--	--	--	--

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AMBIENT AIR QUALITY STANDARDS – STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
88188-S1d	1.00E-03	1.00E-03	--	--	--	--
88188-S1e	1.00E-03	1.00E-03	--	--	--	--
88188-S1f	1.00E-03	1.00E-03	--	--	--	--
88188-S1g	1.00E-03	1.00E-03	--	--	--	--
88188-S1h	1.00E-03	1.00E-03	--	--	--	--
88188-S1i	1.00E-03	1.00E-03	--	--	--	--
88188-S1j	1.00E-03	1.00E-03	--	--	--	--
88188-S1k	1.00E-03	1.00E-03	--	--	--	--
88188-S1l	1.00E-03	1.00E-03	--	--	--	--
88188-S1m	1.00E-03	1.00E-03	--	--	--	--
88188-S1n	1.00E-03	1.00E-03	--	--	--	--
88188-S1o	1.00E-03	1.00E-03	--	--	--	--
88188-S1p	1.00E-03	1.00E-03	--	--	--	--
EX-HWB-88188-1	1.19E-01	1.19E-01	9.50E-03	5.75E-01	1.32	3.93E-05
EX-HWB-88188-2	1.19E-01	1.19E-01	9.50E-03	5.75E-01	1.32	3.93E-05
EX-HWB-88188-3	8.95E-02	8.95E-02	7.00E-03	4.33E-01	9.88E-01	5.88E-06
EX-HWB-88188-4	8.95E-02	8.95E-02	7.00E-03	4.33E-01	9.88E-01	5.88E-06
EX-HWB-88188-5	8.95E-02	8.95E-02	7.00E-03	4.33E-01	9.88E-01	5.88E-06
EX-HWB-88188-6	8.95E-02	8.95E-02	7.00E-03	4.33E-01	9.88E-01	5.88E-06
IAB-88-188 (1)	5.60E-02	5.60E-02	4.00E-03	7.40E-01	6.20E-01	3.68E-06
IAB-88-188 (2)	5.60E-02	5.60E-02	4.00E-03	7.40E-01	6.20E-01	3.68E-06
IAB-88-188 (3)	5.60E-02	5.60E-02	4.00E-03	7.40E-01	6.20E-01	3.68E-06
IAB-88-188 (4)	5.60E-02	5.60E-02	4.00E-03	7.40E-01	6.20E-01	3.68E-06
IAB-88-188 (5)	5.60E-02	5.60E-02	4.00E-03	7.40E-01	6.20E-01	3.68E-06
IAB-88-188 (6)	5.60E-02	5.60E-02	4.00E-03	7.40E-01	6.20E-01	3.68E-06
VBF1	3.00E-04	3.00E-04	--	--	--	--
VBF2	3.00E-04	3.00E-04	--	--	--	--
VBF3	3.00E-04	3.00E-04	--	--	--	--

TOXIC AIR POLLUTANTS – STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Glycol Ethers	Hexamethylene - 1,6-Diisocyanate	Hexane	Methyl-Isobutyl Ketone (MIBK)
	N/A	822-06-0	110-54-3	110-54-3
8822-PB1S1	--	1.76E-04	--	7.31E-03
8822-PB1S2	--	7.05E-04	--	2.92E-02

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TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Glycol Ethers	Hexamethylene - 1,6-Diisocyanate	Hexane	Methyl-Isobutyl Ketone (MIBK)
	N/A	822-06-0	110-54-3	110-54-3
8822-PB1S3	--	7.05E-04	--	2.92E-02
8822-PB1S4	--	1.76E-04	--	7.31E-03
8822-PB2S1	--	1.76E-04	--	7.31E-03
8822-PB2S2	--	7.05E-04	--	2.92E-02
8822-PB2S3	--	7.05E-04	--	2.92E-02
8822-PB2S4	--	1.76E-04	--	7.31E-03
8822-PB3S1	--	1.76E-04	--	7.31E-03
8822-PB3S2	--	7.05E-04	--	2.92E-02
8822-PB3S3	--	7.05E-04	--	2.92E-02
8822-PB3S4	--	1.76E-04	--	7.31E-03
8822-PB4S1	--	1.76E-04	--	7.31E-03
8822-PB4S2	--	7.05E-04	--	2.92E-02
8822-PB4S3	--	7.05E-04	--	2.92E-02
8822-PB4S4	--	1.76E-04	--	7.31E-03
8822-PB5S1	--	7.05E-04	--	2.92E-02
8822-PB5S2	--	1.76E-04	--	7.31E-03
8822-PB5S3	--	7.05E-04	--	2.92E-02
8822-PB5S4	--	1.76E-04	--	7.31E-03
8822-PB6S1	--	7.05E-04	--	2.92E-02
8822-PB6S2	--	1.76E-04	--	7.31E-03
8822-PB6S3	--	7.05E-04	--	2.92E-02
8822-PB6S4	--	1.76E-04	--	7.31E-03
8822-PBEO	--	1.17E-03	--	4.87E-02
8822-PSMN1	--	6.53E-04	--	2.71E-02
8822-PSMS1	--	6.53E-04	--	2.71E-02
88188-S1a	--	2.24E-03	--	4.17E-02
88188-S1b	--	2.24E-03	--	4.17E-02
88188-S1c	--	2.24E-03	--	4.17E-02
88188-S1d	--	2.24E-03	--	4.17E-02
88188-S1e	--	2.24E-03	--	4.17E-02
88188-S1f	--	2.24E-03	--	4.17E-02
88188-S1g	--	2.24E-03	--	4.17E-02
88188-S1h	--	2.24E-03	--	4.17E-02
88188-S1i	--	2.24E-03	--	4.17E-02
88188-S1j	--	2.24E-03	--	4.17E-02

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TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Glycol Ethers	Hexamethylene - 1,6-Diisocyanate	Hexane	Methyl-Isobutyl Ketone (MIBK)
	N/A	822-06-0	110-54-3	110-54-3
88188-S1k	--	2.24E-03	--	4.17E-02
88188-S1l	--	2.24E-03	--	4.17E-02
88188-S1m	--	2.24E-03	--	4.17E-02
88188-S1n	--	2.24E-03	--	4.17E-02
88188-S1o	--	2.24E-03	--	4.17E-02
88188-S1p	--	2.24E-03	--	4.17E-02
88188-S2	--	3.99E-03	--	7.42E-02
BCFAF1	9.38E-03	5.44E-03	2.32E-01	5.61E-01
BCFAF2	9.38E-03	5.44E-03	2.32E-01	5.61E-01
GABF1	1.44E-03	1.44E-03	5.78E-04	2.14E-01
GABF2	1.44E-03	1.44E-03	5.78E-04	2.14E-01
GABF3	1.44E-03	1.44E-03	5.78E-04	2.14E-01
GABF4	1.44E-03	1.44E-03	5.78E-04	2.14E-01
VB1	1.63E-02	1.40E-03	6.24E-04	2.71E-01
VB2	1.63E-02	1.40E-03	6.24E-04	2.71E-01
VB3	1.63E-02	1.40E-03	6.24E-04	2.71E-01

TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Toluene	Xylene	--	--
	108-88-3	1330-20-7	--	--
8822-PB1S1	6.68E-03	1.23E-02	--	--
8822-PB1S2	2.67E-02	4.93E-02	--	--
8822-PB1S3	2.67E-02	4.93E-02	--	--
8822-PB1S4	6.68E-03	1.23E-02	--	--
8822-PB2S1	6.68E-03	1.23E-02	--	--
8822-PB2S2	2.67E-02	4.93E-02	--	--
8822-PB2S3	2.67E-02	4.93E-02	--	--
8822-PB2S4	6.68E-03	1.23E-02	--	--
8822-PB3S1	6.68E-03	1.23E-02	--	--
8822-PB3S2	2.67E-02	4.93E-02	--	--
8822-PB3S3	2.67E-02	4.93E-02	--	--
8822-PB3S4	6.68E-03	1.23E-02	--	--
8822-PB4S1	6.68E-03	1.23E-02	--	--

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TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Toluene	Xylene	--	--
	108-88-3	1330-20-7	--	--
8822-PB4S2	2.67E-02	4.93E-02	--	--
8822-PB4S3	2.67E-02	4.93E-02	--	--
8822-PB4S4	6.68E-03	1.23E-02	--	--
8822-PB5S1	2.67E-02	4.93E-02	--	--
8822-PB5S2	6.68E-03	1.23E-02	--	--
8822-PB5S3	2.67E-02	4.93E-02	--	--
8822-PB5S4	6.68E-03	1.23E-02	--	--
8822-PB6S1	2.67E-02	4.93E-02	--	--
8822-PB6S2	6.68E-03	1.23E-02	--	--
8822-PB6S3	2.67E-02	4.93E-02	--	--
8822-PB6S4	6.68E-03	1.23E-02	--	--
8822-PBEO	4.45E-02	8.21E-02	--	--
8822-PSMN1	2.47E-02	4.56E-02	--	--
8822-PSMS1	2.47E-02	4.56E-02	--	--
88188-S1a	9.19E-03	4.73E-02	--	--
88188-S1b	9.19E-03	4.73E-02	--	--
88188-S1c	9.19E-03	4.73E-02	--	--
88188-S1d	9.19E-03	4.73E-02	--	--
88188-S1e	9.19E-03	4.73E-02	--	--
88188-S1f	9.19E-03	4.73E-02	--	--
88188-S1g	9.19E-03	4.73E-02	--	--
88188-S1h	9.19E-03	4.73E-02	--	--
88188-S1i	9.19E-03	4.73E-02	--	--
88188-S1j	9.19E-03	4.73E-02	--	--
88188-S1k	9.19E-03	4.73E-02	--	--
88188-S1l	9.19E-03	4.73E-02	--	--
88188-S1m	9.19E-03	4.73E-02	--	--
88188-S1n	9.19E-03	4.73E-02	--	--
88188-S1o	9.19E-03	4.73E-02	--	--
88188-S1p	9.19E-03	4.73E-02	--	--
88188-S2	1.63E-02	8.40E-02	--	--
BCFAF1	3.78E-01	1.34E-01	--	--
BCFAF2	3.78E-01	1.34E-01	--	--
GABF1	9.40E-02	4.14E-02	--	--
GABF2	9.40E-02	4.14E-02	--	--
GABF3	9.40E-02	4.14E-02	--	--

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TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Toluene	Xylene	--	--
	108-88-3	1330-20-7	--	--
GABF4	9.40E-02	4.14E-02	--	--
VBF1	2.50E-01	3.34E-02	--	--
VBF2	2.50E-01	3.34E-02	--	--
VBF3	2.50E-01	3.34E-02	--	--

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The following contains the Federal and South Carolina air pollution regulations and their applicability, as specified in the Part 70 permit application.

Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
SC Regulation 61-62.1	Definitions and General Requirements	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.2	Prohibition of Open Burning	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.3	Air Pollution Episodes	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.4	Hazardous Air Pollution Conditions	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
SC Regulation 61-62.5, Std. No. 1	Emissions from Fuel Burning Operations	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.5, Std. No. 2	Ambient Air Quality Standards	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.5, Std. No. 3	Waste Combustion and Reduction		X	No waste combustion activities
SC Regulation 61-62.5, Std. No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)		X	No hospital, medical, infections waste incinerators
SC Regulation 61-62.5, Std. No. 4	Emissions from Process Industries	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.5, Std. No. 5	Volatile Organic Compounds		X	No sources in applicable category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
SC Regulation 61-62.5, Std. No. 5.2	Control of Oxides of Nitrogen	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.5, Std. No. 6	Alternative Emission Limitation Options		X	No sources in applicable category
SC Regulation 61-62.5, Std. No. 7	Prevention of Significant Deterioration	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.5, Std. No. 7.1	Non-Attainment New Source Review		X	Charleston County is in attainment
SC Regulation 61-62.5, Std. No. 8	Toxic Air Pollutants	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.6	Control of Fugitive Particulate Matter	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
SC Regulation 61-62.7	Good Engineering Practice Stack Height	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.60	SC Designated Facility Plan and NSPS (Subparts A – OOOO)	X		Subparts A, Dc, IIII - Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping.
SC Regulation 61-62.61	National Emission Standards for Hazardous Air Pollutants (Subparts A-R, T, V, W, Y, BB and FF)		X	Facility is not in applicable source categories
SC Regulation 61-62.63	National Emission Standards for Hazardous Air Pollutants (Subparts A – HHHHHHH)	X		Subparts A, GG, ZZZZ, and DDDDD - Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping.
SC Regulation 61-62.68	Chemical Accident Prevention Provisions		X	Facility does not exceed the thresholds listed in 61-62.68.130
SC Regulation 61-62.70	Title V Operating Permit Program	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
SC Regulation 61-62.72	Acid Rain		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
SC Regulation 61-62.96	NOx and SO2 Budget Trading Program		X	Facility is not in applicable source category
SC Regulation 61-62.99	NOx Budget Trading Program Requirements for Stationary Sources Not in the Trading Program		X	Facility is not in applicable source category
40 CFR 60 subpart A	General Provisions	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping.
40 CFR 60 subpart B	Adoption and Submittal of State Plans for Designated Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart C	Emission Guidelines and Compliance Times		X	Facility is not in applicable source category
40 CFR 60 subpart Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994		X	Facility is not in applicable source category
40 CFR 60 subpart Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills		X	Facility is not in applicable source category
40 CFR 60 subpart Cd	Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units		X	Facility is not in applicable source category
40 CFR 60 subpart Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart D	Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971		X	Facility is not in applicable source category
40 CFR 60 subpart Da	Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978		X	Facility is not in applicable source category
40 CFR 60 subpart Db	Industrial-Commercial-Institutional Steam Generating Units		X	Facility is not in applicable source category
40 CFR 60 subpart Dc	Small Industrial-Commercial-Institutional Steam Generating Units	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
40 CFR 60 subpart E	Incinerators		X	Facility is not in applicable source category
40 CFR 60 subpart Ea	Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and on or Before September 20, 1994		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart Eb	Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996		X	Facility is not in applicable source category
40 CFR 60 subpart Ec	Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996		X	Facility is not in applicable source category
40 CFR 60 subpart F	Portland Cement Plants		X	Facility is not in applicable source category
40 CFR 60 subpart G	Nitric Acid Plants		X	Facility is not in applicable source category
40 CFR 60 subpart Ga	Nitric Acid Plants For Which Construction, Reconstruction, or Modification Commenced After October 14, 2011		X	Facility is not in applicable source category
40 CFR 60 subpart H	Sulfuric Acid Plants		X	Facility is not in applicable source category
40 CFR 60 Subpart I	Hot Mix Asphalt Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart J	Petroleum Refineries		X	Facility is not in applicable source category
40 CFR 60 subpart Ja	Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart K	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978		X	Facility is not in applicable source category
40 CFR 60 subpart Ka	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984		X	Facility is not in applicable source category
40 CFR 60 subpart Kb	Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984		X	Facility is not in applicable source category
40 CFR 60 subpart L	Secondary Lead Smelters		X	Facility is not in applicable source category
40 CFR 60 subpart M	Secondary Brass and Bronze Production Plants		X	Facility is not in applicable source category
40 CFR 60 subpart N	Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973		X	Facility is not in applicable source category
40 CFR 60 subpart Na	Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20, 1983		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart O	Sewage Treatment Plants		X	Facility is not in applicable source category
40 CFR 60 subpart P	Primary Copper Smelters		X	Facility is not in applicable source category
40 CFR 60 subpart Q	Primary Zinc Smelters		X	Facility is not in applicable source category
40 CFR 60 subpart R	Primary Lead Smelters		X	Facility is not in applicable source category
40 CFR 60 subpart S	Primary Aluminum Reduction Plants		X	Facility is not in applicable source category
40 CFR 60 subpart T	Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plants		X	Facility is not in applicable source category
40 CFR 60 subpart U	Phosphate Fertilizer Industry: Super Phosphoric Acid Plants		X	Facility is not in applicable source category
40 CFR 60 subpart V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants		X	Facility is not in applicable source category
40 CFR 60 subpart W	Phosphate Fertilizer Industry: Triple Superphosphate Plants		X	Facility is not in applicable source category
40 CFR 60 subpart X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart Y	Coal Preparation Plants		X	Facility is not in applicable source category
40 CFR 60 subpart Z	Ferrous Alloy Production Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart AA	Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or Before August 17, 1983		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983		X	Facility is not in applicable source category
40 CFR 60 subpart BB	Kraft Pulp Mills		X	Facility is not in applicable source category
40 CFR 60 subpart BBa	Kraft Pulp Mills For Which Construction, Reconstruction, or Modification Commenced After May 23, 2013		X	Facility is not in applicable source category
40 CFR 60 subpart CC	Glass Manufacturing Plants		X	Facility is not in applicable source category
40 CFR 60 subpart DD	Grain Elevators		X	Facility is not in applicable source category
40 CFR 60 subpart EE	Surface Coating of Metal Furniture		X	Facility is not in applicable source category
40 CFR 60 subpart GG	Stationary Gas Turbines		X	Facility is not in applicable source category
40 CFR 60 subpart HH	Lime Manufacturing Plants		X	Facility is not in applicable source category
40 CFR 60 subpart KK	Lead-Acid Battery Manufacturing Plants		X	Facility is not in applicable source category
40 CFR 60 subpart LL	Metallic Mineral Processing Plants		X	Facility is not in applicable source category
40 CFR 60 subpart MM	Automobile and Light Duty Truck Surface Coating Operations		X	Facility is not in applicable source category
40 CFR 60 subpart NN	Phosphate Rock Plants		X	Facility is not in applicable source category
40 CFR 60 subpart PP	Ammonium Sulfate Manufacture		X	Facility is not in applicable source category
40 CFR 60 subpart QQ	Graphic Arts Industry: Publication Rotogravure Printing		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart RR	Pressure Sensitive Tape and Label Surface Coating Operations		X	Facility is not in applicable source category
40 CFR 60 subpart SS	Industrial Surface Coating: Large Appliances		X	Facility is not in applicable source category
40 CFR 60 subpart TT	Metal Coil Surface Coating		X	Facility is not in applicable source category
40 CFR 60 subpart UU	Asphalt Processing and Asphalt Roofing Manufacture		X	Facility is not in applicable source category
40 CFR 60 subpart VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry for Which Construction, Reconstruction, or Modification Commenced After January 5, 1981 and on or Before November 7, 2006		X	Facility is not in applicable source category
40 CFR 60 subpart VVa	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006		X	Facility is not in applicable source category
40 CFR 60 subpart WW	Beverage Can Surface Coating Industry		X	Facility is not in applicable source category
40 CFR 60 subpart XX	Bulk Gasoline Terminals		X	Facility is not in applicable source category
40 CFR 60 subpart AAA	New Residential Wood Heaters		X	Facility is not in applicable source category
40 CFR 60 subpart BBB	Rubber Tire Manufacturing Industry		X	Facility is not in applicable source category

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Permit Shield Request				
Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart DDD	Volatile Organic Compound Emissions from the Polymer Manufacturing Industry		X	Facility is not in applicable source category
40 CFR 60 subpart FFF	Flexible Vinyl and Urethane Coating and Printing		X	Facility is not in applicable source category
40 CFR 60 subpart GGG	Equipment Leaks of VOC in Petroleum Refineries		X	Facility is not in applicable source category
40 CFR 60 subpart GGGa	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After November 7, 2006		X	Facility is not in applicable source category
40 CFR 60 subpart HHH	Synthetic Fiber Production Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart III	Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes		X	Facility is not in applicable source category
40 CFR 60 subpart JJJ	Petroleum Dry Cleaners		X	Facility is not in applicable source category
40 CFR 60 subpart KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants		X	Facility is not in applicable source category
40 CFR 60 subpart LLL	Onshore Natural Gas Processing: SO2 Emissions		X	Facility is not in applicable source category
40 CFR 60 subpart NNN	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations		X	Facility is not in applicable source category

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Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart OOO	Nonmetallic Mineral Processing Plants		X	Facility is not in applicable source category
40 CFR 60 subpart PPP	Wool Fiberglass Insulation Manufacturing Plants		X	Facility is not in applicable source category
40 CFR 60 subpart QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems		X	Facility is not in applicable source category
40 CFR 60 subpart RRR	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Reactor Processes		X	Facility is not in applicable source category
40 CFR 60 subpart SSS	Magnetic Tape Coating Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines		X	Facility is not in applicable source category
40 CFR 60 subpart UUU	Calciners and Dryers in Mineral Industries		X	Facility is not in applicable source category
40 CFR 60 subpart VVV	Polymeric Coating of Supporting Substrates Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart WWW	Municipal Solid Waste Landfills		X	Facility is not in applicable source category
40 CFR 60 subpart AAAA	Small Municipal Waste Combustion Units After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001		X	Facility is not in applicable source category
40 CFR 60 subpart BBBB	Emission Guidelines and Compliance Times for Small Municipal Waste Constructed on or Before August 30, 1999		X	Facility is not in applicable source category

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		Yes	No	
40 CFR 60 subpart CCCC	Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for Which Modification or Reconstruction is Commenced on or After June 1, 2001		X	Facility is not in applicable source category
40 CFR 60 subpart DDDD	Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999		X	Facility is not in applicable source category
40 CFR 60 subpart EEEE	Standards of Performance for Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006		X	Facility is not in applicable source category
40 CFR 60 subpart FFFF	Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units that Commenced Construction On or Before December 9, 2004		X	Facility is not in applicable source category

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Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form
40 CFR 60 subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines		X	Facility is not in applicable source category
40 CFR 60 subpart KKKK	Standards of Performance for Stationary Combustion Turbines		X	Facility is not in applicable source category
40 CFR 60 subpart LLLL	Standards of Performance for New Sewage Sludge Incineration Units		X	Facility is not in applicable source category
40 CFR 60 subpart MMMM	Emission Guidelines and Compliance Times for Existing Sewage Sludge Incineration Units		X	Facility is not in applicable source category
40 CFR 60 subpart OOOO	Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution		X	Facility is not in applicable source category
40 CFR 60 subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities		X	Facility is not in applicable source category
40 CFR 60 subpart QQQQ	Standards of Performance for New Residential Hydronic Heaters and Forced-Air Furnaces		X	Facility is not in applicable source category
40 CFR 60 subpart TTTT	Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units		X	Facility is not in applicable source category

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Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 60 subpart UUUU	Standards of Performance for New Residential Hydronic Heaters and Forced-Air Furnaces		X	Facility is not in applicable source category
40 CFR 61 subpart A	General Provisions		X	Facility is not in applicable source category
40 CFR 61 subpart B	Radon Emissions from Underground Uranium Mines		X	Facility is not in applicable source category
40 CFR 61 subpart C	Beryllium		X	Facility is not in applicable source category
40 CFR 61 subpart D	Beryllium Rocket Motor Firing		X	Facility is not in applicable source category
40 CFR 61 subpart E	Mercury		X	Facility is not in applicable source category
40 CFR 61 subpart F	Vinyl chloride		X	Facility is not in applicable source category
40 CFR 61 subpart H	Radionuclides Other Than Radon From Department of Energy Facilities		X	Facility is not in applicable source category
40 CFR 61 subpart I	Radionuclide Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not covered by Subpart H		X	Facility is not in applicable source category
40 CFR 61 subpart J	Equipment Leaks (Fugitive Emission Source) of Benzene		X	Facility is not in applicable source category
40 CFR 61 subpart K	National Emission Standard for Radionuclide Emissions from Elemental Phosphorus Plants		X	Facility is not in applicable source category
40 CFR 61 subpart L	Benzene Emissions From Coke By-Product Recovery Plants		X	Facility is not in applicable source category
40 CFR 61 subpart M	Asbestos		X	Facility is not in applicable source category

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		Yes	No	
40 CFR 61 subpart N	Inorganic Arsenic Emissions From Glass Manufacturing Plants		X	Facility is not in applicable source category
40 CFR 61 subpart O	Inorganic Arsenic Emissions From Primary Copper Smelters		X	Facility is not in applicable source category
40 CFR 61 subpart P	Inorganic Arsenic Emissions From Arsenic Trioxide and Metallic Arsenic Production Facilities		X	Facility is not in applicable source category
40 CFR 61 subpart Q	Radon Emissions From Department of Energy Facilities		X	Facility is not in applicable source category
40 CFR 61 subpart R	Radon Emissions From Phosphogypsum Stacks		X	Facility is not in applicable source category
40 CFR 61 subpart T	Radon Emissions From the Disposal of Uranium Mill Tailings		X	Facility is not in applicable source category
40 CFR 61 subpart V	Equipment Leaks (Fugitive Emission Sources)		X	Facility is not in applicable source category
40 CFR 61 subpart W	Radon Emissions From Operating Mill Tailings		X	Facility is not in applicable source category
40 CFR 61 subpart Y	Benzene Emissions From Benzene Storage Vessels		X	Facility is not in applicable source category
40 CFR 61 subpart BB	Benzene Emissions From Benzene Transfer Operations		X	Facility is not in applicable source category
40 CFR 61 subpart FF	Benzene Waste Operations		X	Facility is not in applicable source category
40 CFR 63 subpart A	General Provisions	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.

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		Yes	No	
40 CFR 63 subpart B	Requirements for Control Technology Determinations for Major Sources		X	Facility is not in applicable source
40 CFR 63 subpart C	De-Listings		X	Facility is not in applicable source
40 CFR 63 subpart D	Compliance Extensions for Early Reduction Sources		X	Facility is not in applicable source
40 CFR 63 subpart E	Approval of State Programs and Delegation of Authority		X	Facility is not in applicable source
40 CFR 63 subpart F	Synthetic Organic Chemical Manufacturing Industry, HON		X	Facility is not in applicable source
40 CFR 63 subpart G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater, HON		X	Facility is not in applicable source
40 CFR 63 subpart H	Synthetic Organic Chemical Manufacturing Industry for Equipment Leaks, HON		X	Facility is not in applicable source
40 CFR 63 subpart I	Synthetic Organic Chemical Manufacturing Industry for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks, HON		X	Facility is not in applicable source
40 CFR 63 subpart J	Polyvinyl Chloride and Copolymers Production		X	Facility is not in applicable source
40 CFR 63 subpart L	Coke Ovens		X	Facility is not in applicable source
40 CFR 63 subpart M	Dry Cleaning		X	Facility is not in applicable source
40 CFR 63 subpart N	Chrome Electroplating		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 subpart O	Ethylene Oxide Commercial Sterilization Facilities		X	Facility is not in applicable source
40 CFR 63 subpart Q	Industrial Process Cooling Towers		X	Facility is not in applicable source
40 CFR 63 subpart R	Gasoline Distribution (Bulk Gasoline Terminals and Pipeline Breakout Stations), Stage I		X	Facility is not in applicable source
40 CFR 63 subpart S	Pulp and Paper Cluster Rule		X	Facility is not in applicable source
40 CFR 63 subpart T	Degreasing Organic Cleaners (Halogenated Solvent Cleaning)		X	Facility is not in applicable source
40 CFR 63 subpart U	Polymers and Resins Group I		X	Facility is not in applicable source
40 CFR 63 subpart W	Polymers and Resins Group II, Epoxy Resins Production and Non-Nylon Polyamides Production		X	Facility is not in applicable source
40 CFR 63 subpart X	Secondary Lead Smelting		X	Facility is not in applicable source
40 CFR 63 subpart Y	Marine Vessel Unloading Operations		X	Facility is not in applicable source
40 CFR 63 subpart AA	Phosphoric Acid Manufacturing Plants		X	Facility is not in applicable source
40 CFR 63 subpart BB	Phosphate Fertilizers		X	Facility is not in applicable source
40 CFR 63 subpart CC	Petroleum Refineries		X	Facility is not in applicable source
40 CFR 63 subpart DD	Off-Site Waste and Recovery Operations		X	Facility is not in applicable source
40 CFR 63 subpart EE	Magnetic Tape Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart GG	Aerospace Manufacturing and Rework Facilities		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 subpart HH	Oil and Gas Production Facilities		X	Facility is not in applicable source
40 CFR 63 subpart II	Shipbuilding and Ship repair Facilities (Coating Operations)		X	Facility is not in applicable source
40 CFR 63 subpart JJ	Wood Furniture Manufacturing Operations		X	Facility is not in applicable source
40 CFR 63 subpart KK	Printing and Publishing		X	Facility is not in applicable source
40 CFR 63 subpart LL	Primary Aluminum Reduction Plants		X	Facility is not in applicable source
40 CFR 63 subpart MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills		X	Facility is not in applicable source
40 CFR 63 subpart OO	Tanks- Level 1		X	Facility is not in applicable source
40 CFR 63 subpart PP	Containers		X	Facility is not in applicable source
40 CFR 63 subpart QQ	Surface Impoundments QQ		X	Facility is not in applicable source
40 CFR 63 subpart RR	Individual Drain Systems		X	Facility is not in applicable source
40 CFR 63 subpart SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or Process		X	Facility is not in applicable source
40 CFR 63 subpart TT	Equipment Leaks-Control Level 1		X	Facility is not in applicable source
40 CFR 63 subpart UU	Equipment Leaks-Control Level 2		X	Facility is not in applicable source
40 CFR 63 subpart VV	Oil-Water Separators and Organic-Water Separators		X	Facility is not in applicable source
40 CFR 63 subpart WW	Tanks - Level 2		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 subpart XX	National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations		X	Facility is not in applicable source
40 CFR 63 subpart YY	Generic Maximum Achievable Control Technology (MACT) Standards		X	Facility is not in applicable source
40 CFR 63 subpart CCC	Steel Pickling Facilities		X	Facility is not in applicable source
40 CFR 63 subpart DDD	Mineral Wool Production		X	Facility is not in applicable source
40 CFR 63 subpart EEE	Hazardous Waste Combustors		X	Facility is not in applicable source
40 CFR 63 subpart GGG	Pharmaceuticals Production		X	Facility is not in applicable source
40 CFR 63 subpart HHH	Natural Gas Transmission and Storage Facilities		X	Facility is not in applicable source
40 CFR 63 subpart III	Flexible Polyurethane Foam Production		X	Facility is not in applicable source
40 CFR 63 subpart JJJ	Polymers and Resins Group IV		X	Facility is not in applicable source
40 CFR 63 subpart LLL	Portland Cement Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart MMM	Pesticide Active Ingredients Production		X	Facility is not in applicable source
40 CFR 63 subpart NNN	Wool Fiberglass Production		X	Facility is not in applicable source
40 CFR 63 subpart OOO	Manufacture of Amino/Phenolic Resins		X	Facility is not in applicable source
40 CFR 63 subpart PPP	Polyether Polyols Production		X	Facility is not in applicable source
40 CFR 63 subpart QQQ	Primary Copper		X	Facility is not in applicable source
40 CFR 63 subpart RRR	Secondary Aluminum Production		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 subpart TTT	Primary Lead Smelting		X	Facility is not in applicable source
40 CFR 63 subpart UUU	Petroleum Refineries (catalytic cracking, catalytic reforming and sulfur plant units)		X	Facility is not in applicable source
40 CFR 63 subpart VVV	Publicly Owned Treatment Works		X	Facility is not in applicable source
40 CFR 63 subpart XXX	Ferroalloy Production		X	Facility is not in applicable source
40 CFR 63 subpart AAAA	Municipal Solid Waste (MSW) Landfills		X	Facility is not in applicable source
40 CFR 63 subpart CCCC	Manufacturing of Nutritional Yeast		X	Facility is not in applicable source
40 CFR 63 subpart DDDD	Plywood and Composite Wood Products		X	Facility is not in applicable source
40 CFR 63 subpart EEEE	Organic Liquids Distribution (non-gasoline)		X	Facility is not in applicable source
40 CFR 63 subpart FFFF	Misc. Organic Chemical Manufacturing (MON)		X	Facility is not in applicable source
40 CFR 63 subpart GGGG	Solvent Extraction for Vegetable Oil Production		X	Facility is not in applicable source
40 CFR 63 subpart HHHH	Wetted Formed Fiberglass Mat Production		X	Facility is not in applicable source
40 CFR 63 subpart IIII	Automobile and Light Duty Trucks (surface coating)		X	Facility is not in applicable source
40 CFR 63 subpart JJJJ	Paper & Other Web Coatings (paper, plastic, film, foil, etc.)		X	Facility is not in applicable source
40 CFR 63 subpart KKKK	Metal Cans (Surface Coating)		X	Facility is not in applicable source
40 CFR 63 subpart MMMM	Misc. Metal Parts and Products (Surface Coating)		X	Facility is not in applicable source
40 CFR 63 subpart NNNN	Large Appliance (surface coating)		X	Facility is not in applicable source
40 CFR 63 subpart OOOO	Fabric Printing, Coating and Dyeing		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 subpart PPPP	Plastic Parts and Products (Surface Coating)		X	Facility is not in applicable source
40 CFR 63 subpart QQQQ	Wood Building Products (surface coating)		X	Facility is not in applicable source
40 CFR 63 subpart RRRR	Metal Furniture (surface coating)		X	Facility is not in applicable source
40 CFR 63 subpart SSSS	Metal Coil (surface coating)		X	Facility is not in applicable source
40 CFR 63 subpart TTTT	Leather Finishing Operations		X	Facility is not in applicable source
40 CFR 63 subpart UUUU	Cellulose Production Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart VVVV	Boat Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart WWWW	Reinforced Plastics Composites Production		X	Facility is not in applicable source
40 CFR 63 subpart XXXX	Tire Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart YYYY	Combustion Turbines		X	Facility is not in applicable source
40 CFR 63 subpart ZZZZ	Reciprocating Internal Combustion Engines (RICE)	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946
40 CFR 63 subpart AAAAA	Lime Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart BBBB	Semiconductor Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 subpart DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	X		Facility requests shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping as noted in the DHEC Regulatory Information Form d-2946.
40 CFR 63 subpart EEEEE	Iron and Steel Foundries		X	Facility is not in applicable source
40 CFR 63 subpart FFFFF	Integrated Iron and Steel		X	Facility is not in applicable source
40 CFR 63 subpart GGGGG	Site Remediation		X	Facility is not in applicable source
40 CFR 63 subpart HHHHH	Misc. Coating Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart IIIII	Mercury Cell Chlor-Alkali Plants		X	Facility is not in applicable source
40 CFR 63 subpart JJJJJ	Brick and Structural Clay Products Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart KKKKK	Clay Ceramic Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart LLLLL	Asphalt Roofing and Asphalt Processing		X	Facility is not in applicable source
40 CFR 63 Subpart MMMMM	Flexible Polyurethane Foam Fabrication Operation		X	Facility is not in applicable source
40 CFR 63 subpart NNNNN	Hydrochloric Acid Production and Fumed Silica Production		X	Facility is not in applicable source
40 CFR 63 subpart PTTTT	Engine Test Cells/Stands		X	Facility is not in applicable source
40 CFR 63 subpart QQQQQ	Friction Materials Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart RRRRR	Taconite Iron Ore Processing		X	Facility is not in applicable source
40 CFR 63 subpart SSSSS	Refractory Products Manufacturing		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 subpart TTTTT	Primary Magnesium Refining		X	Facility is not in applicable source
40 CFR63 subpart UUUUU	Coal and Oil Fired Electric Utility Steam Generating Units		X	Facility is not in applicable source
40 CFR 63 Subpart WWWWW	Hospital Ethylene Oxide Sterilizers		X	Facility is not in applicable source
40 CFR 63 subpart YYYYY	Electric Arc Furnace Steelmaking Facilities		X	Facility is not in applicable source
40 CFR 63 subpart ZZZZZ	Iron And Steel Foundries Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, And Pipeline Facilities		X	Facility is not in applicable source
40 CFR 63 subpart CCCCCC	Gasoline Dispensing Facilities		X	Facility is not in applicable source
40 CFR 63 Subpart DDDDDD	Polyvinyl Chloride and Copolymers Production Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart EEEEE	Primary Copper Smelting Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart FFFFFF	Secondary Copper Smelting Area Sources		X	Facility is not in applicable source
40 CFR 63 Subpart GGGGGG	Primary Nonferrous Metals Area Sources-Zinc, Cadmium, and Beryllium		X	Facility is not in applicable source
40 CFR 63 Subpart HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart JJJJJ	Industrial, Commercial, and Institutional Boilers Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart LLLLLL	Acrylic and Modacrylic Fibers Production Area Sources		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 Subpart MMMMMM	Carbon Black Production Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart NNNNNN	Chemical Manufacturing Area Sources: Chromium Compounds		X	Facility is not in applicable source
40 CFR 63 subpart OOOOOO	Flexible Polyurethane Foam Production and Fabrication Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart PPPPPP	Lead Acid Battery Manufacturing Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart QQQQQQ	Wood Preserving Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart RRRRRR	Clay Ceramics Manufacturing Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart SSSSSS	Glass Manufacturing Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart TTTTTT	Secondary Nonferrous Metals Processing Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart VVVVVV	Chemical Manufacturing Area Sources		X	Facility is not in applicable source
40 CFR 63 subpart WWWWWW	Plating And Polishing Operations		X	Facility is not in applicable source
40 CFR 63 subpart XXXXXX	Metal Fabrication and Finishing Source Nine Categories (Area Sources)		X	Facility is not in applicable source
40 CFR 63 subpart YYYYYY	Ferroalloys Production (Area Sources)		X	Facility is not in applicable source
40 CFR 63 subpart ZZZZZZ	Aluminum, Copper, and Other Nonferrous Foundries		X	Facility is not in applicable source

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		Yes	No	
40 CFR 63 Subpart AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart BBBB BBB	Chemical Preparations Industry		X	Facility is not in applicable source
40 CFR 63 subpart CCCCCC	Paints and Allied Products Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart DDDDDDD	National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Prepared Feeds Manufacturing		X	Facility is not in applicable source
40 CFR 63 subpart EEEEEEE	National Emission Standards for Hazardous Air Pollutants: Gold Mine Ore Processing and Production Area Source Category		X	Facility is not in applicable source
40 CFR 63 subpart HHHHHHH	National Emission Standards for Hazardous Air Pollutants: Polyvinyl Chloride and Copolymers Production		X	Facility is not in applicable source
40 CFR 63	Case-by-Case MACT 112(g)		X	Facility is not in applicable source
40 CFR 64	Compliance Assurance Monitoring		X	Facility is not in applicable source
40 CFR 68	Risk Management Programs Under Section 112(r)		X	Facility is not in applicable source
40 CFR 72	Permits Regulation		X	Facility is not in applicable source
40 CFR 72 Subpart A	Acid Rain Program General Provisions		X	Facility is not in applicable source
40 CFR 72 Subpart B	Designated Representative		X	Facility is not in applicable source
40 CFR 72 Subpart C	Acid Rain Permit Applications		X	Facility is not in applicable source

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		Yes	No	
40 CFR 72 Subpart D	Acid Compliance Plan and Compliance Options		X	Facility is not in applicable source
40 CFR 72 Subpart E	Acid Rain Permit Contents		X	Facility is not in applicable source
40 CFR 72 Subpart F	Federal Acid Rain Permit Issuance Procedures		X	Facility is not in applicable source
40 CFR 72 Subpart G	Acid Rain Phase II Implementation		X	Facility is not in applicable source
40 CFR 72 Subpart H	Permit Revisions		X	Facility is not in applicable source
40 CFR 72 Subpart I	Compliance Certification		X	Facility is not in applicable source
40 CFR 73	Allowance System		X	Facility is not in applicable source
40 CFR 73 Subpart A	Background and Summary		X	Facility is not in applicable source
40 CFR 73 Subpart B	Allowance Allocations		X	Facility is not in applicable source
40 CFR 73 Subpart C	Allowance Tracking System		X	Facility is not in applicable source
40 CFR 73 Subpart D	Allowance Transfers		X	Facility is not in applicable source
40 CFR 73 Subpart E	Actions, Direct Sales, and Independent Power Producers Written Guarantee		X	Facility is not in applicable source
40 CFR 73 Subpart F	Energy Conservation and Renewable Energy Reserve		X	Facility is not in applicable source
40 CFR 73 Subpart G	Small Diesel Refineries		X	Facility is not in applicable source
40 CFR 74	Sulfur Dioxide Opt-Ins		X	Facility is not in applicable source
40 CFR 75	Continuous Emission Monitoring		X	Facility is not in applicable source
40 CFR 75 Subpart A	General		X	Facility is not in applicable source
40 CFR 75 Subpart B	Monitoring Provisions		X	Facility is not in applicable source

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Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 75 Subpart C	Operation and Maintenance Requirements		X	Facility is not in applicable source
40 CFR 75 Subpart D	Missing Data Substitution Procedures		X	Facility is not in applicable source
40 CFR 75 Subpart E	Alternative Monitoring Systems		X	Facility is not in applicable source
40 CFR 75 Subpart F	Recordkeeping Requirements		X	Facility is not in applicable source
40 CFR 75 Subpart G	Reporting Requirements		X	Facility is not in applicable source
40 CFR 75 Subpart H	NOX Mass Emissions Provisions		X	Facility is not in applicable source
40 CFR 75 Subpart I	Hg Mass Emissions Provisions		X	Facility is not in applicable source
40 CFR 76	Acid Rain Nitrogen Oxides Emission Reduction Program		X	Facility is not in applicable source
40 CFR 82	Protection of Stratospheric Ozone	X		Facility is subject to the recycling and emissions reduction subpart. Facility request shield from all applicable requirements in this regulation for emission units and equipment, including emission limits, testing, monitoring, and recordkeeping.
40 CFR 96 Subparts A-D, E-I	NOX Budget Trading Program and CAIR NOX and SO2 Trading Programs for State Implementation Plans		X	Facility is not in applicable source
40 CFR 96 Subpart AA	CAIR NOX Annual Trading Program General Provisions		X	Facility is not in applicable source
40 CFR 96 Subpart BB	CAIR Designated Representative for CAIR NOX Sources		X	Facility is not in applicable source
40 CFR 96 Subpart CC	Permits		X	Facility is not in applicable source

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Regulation Citation	Regulation Title	Applicable?		Explanation
		Yes	No	
40 CFR 96 Subpart EE	CAIR NOX Allowance Allocations		X	Facility is not in applicable source
40 CFR 96 Subpart FF	CAIR NOX Allowance Tracking System		X	Facility is not in applicable source
40 CFR 96 Subpart GG	CAIR NOX Allowance Transfers		X	Facility is not in applicable source
40 CFR 96 Subpart HH	Monitoring and Reporting		X	Facility is not in applicable source
40 CFR 96 Subpart II	CAIR NOX Opt-in Units		X	Facility is not in applicable source
40 CFR 96 Subpart AAA	CAIR SO2 Trading Program General Provisions		X	Facility is not in applicable source
40 CFR 96 Subpart BBB	CAIR Designated Representative for CAIR SO2 Sources		X	Facility is not in applicable source
40 CFR 96 Subpart CCC	Permits		X	Facility is not in applicable source
40 CFR 96 Subpart FFF	CAIR SO2 Allowance Tracking System		X	Facility is not in applicable source
40 CFR 96 Subpart GGG	CAIR SO2 Allowance Transfers		X	Facility is not in applicable source
40 CFR 96 Subpart HHH	Monitoring and Reporting		X	Facility is not in applicable source
40 CFR 96 Subpart III	CAIR SO2 Opt-In Units		X	Facility is not in applicable source
40 CFR 96 Subpart AAAA	CAIR NOX Ozone Season Trading Program General Provisions		X	Facility is not in applicable source
40 CFR 96 Subpart BBBB	CAIR Designated Representative for CAIR NOX Ozone Season Sources		X	Facility is not in applicable source
40 CFR 96 Subpart CCCC	Permits		X	Facility is not in applicable source
40 CFR 96 Subpart EEEE	CAIR NOX Ozone Season Allowance Allocations		X	Facility is not in applicable source

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		Yes	No	
40 CFR 96 Subpart FFFF	CAIR NOX Ozone Season Allowance Tracking System		X	Facility is not in applicable source
40 CFR 96 Subpart GGGG	CAIR NOX Ozone Season Allowance Transfers		X	Facility is not in applicable source
40 CFR 96 Subpart HHHH	Monitoring and Reporting		X	Facility is not in applicable source
40 CFR 96 Subpart IIII	CAIR NOX Ozone Season Opt-In Units		X	Facility is not in applicable source
40 CFR 98	Mandatory Reporting of Greenhouse Gases		X	Facility is not in applicable source